SMP5 - Power Supply/Charger

Rev. DSSMP5 - 07132012

SMP5

Overview

This Altronix power supply/charger converts a low voltage AC input into a 6VDC, 12VDC or 24VDC output. This unit has a wide range of applications for access control, security and CCTV system accessories that require additional power.

Specifications

Input:
- 6VDC applications use TP1640.
- 12VDC or 24VDC applications use T2428100.

Output:
- 6VDC, 12VDC or 24VDC selectable output.
- 4 amp supply current.
- Filtered and electronically regulated outputs.
- Short circuit and thermal overload protection.

Battery Backup:
- Built-in charger for sealed lead acid or gel type batteries.
- Maximum charge current 0.3 amp.
- Zero voltage drop when switching over to battery backup.

Visual Indicators:
- AC input and DC output LED indicators.

Electrical:
- Operating temperature: 0º C to 49º C ambient.

Electrical (cont'd):
- BTU/Hr.:
  - 6VDC: 7 BTU/Hr.
  - 12VDC: 15 BTU/Hr.
  - 24VDC: 30 BTU/Hr.
- System AC input VA requirement:
  - 6VDC: 55.2VA.
  - 12VDC/24VDC: 115VA.

Mechanical:
- Board Dimensions (L x W x H approx.): 3.5" (88.9mm) x 3" (76.2mm) x 2" (50.8mm)
- Product weight (approx.): 0.35 lbs. (0.16 kg.).
- Shipping weight (approx.): 0.45 lbs. (0.20 kg.).

Features:
- Extremely compact design.
- Includes battery leads.
- Snap Trac compatible (order Altronix model number ST3).

Board Dimensions (L x W x H) (approximate):

3.5" (88.9mm) x 2.75" (69.85mm) x 1.75" (44.45mm)